

# Tiandy



## TC-R3105 Spec:I/B/P/V3.0

# H.265 1HDD 5ch PSE NVR

Lite Series



## KEY FEATURES

### HD Input

- S+265/H.265/S+264/H.264 video formats
- Connectable to the third-party network cameras
- Support live view, storage, and playback of the connected camera at up to 6MP resolution

### HD Output

- 1×HDMI and 1×VGA simultaneous outputs
- HDMI Video output at up to 4K resolution

### HD Storage

- 1 SATA interface, up to 10TB for 1 HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

### HD Transmission

- 1×RJ45 self-adaptive 10/100 Mbps network interface

- PoE Port: 4×RJ45 self-adaptive 10/100 Mbps network interfaces

### Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, upgrade, etc.
- Connectable to smart IP cameras from Tiandy and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Support cloud upgrade



## SPECIFICATIONS

Video and Audio	
Access Channel	5
Incoming Bandwidth	60Mbps
Outgoing Bandwidth	40Mbps
Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview decoding capability	6MP*1,5MP*1,4MP*2,3MP*2,1080P*4,720P*5,4CIF*5
Playback decoding capability	6MP*1,5MP*1,4MP*2,3MP*2,1080P*4,720P*4
Video Output	simultaneous HDMI and VGA outputs
HDMI Output	HDMI:1024*768(60Hz),(720P )1280*720(50Hz/60Hz),1280*800(60Hz),1440*900(60Hz),(1080P)1920*1080(50Hz/60Hz),(4K)3840*2160(30Hz)
VGA Output	VGA:1024*768(60Hz),(720P )1280*720(50Hz/60Hz),1280*800(60Hz),1440*900(60Hz),(1080P)1920*1080(50Hz/60Hz)
Multi-screen Display	1/3/4/5/6
Third-party Camera Access	ONVIF;RTSP
Audio Input	1-ch,3.5mm
Audio Output	1-ch,RCA (Linear,1 KΩ)
Two-Way Audio	1-ch,3.5mm,using the audio input
Liveview display	Simultaneous Output: VGA: 1/3/4/5/6 HDMI: 1/3/4/5/6
Compression	
Video	S+265;H.265;S+264;H.264
Audio	G711A;G711U;AAC;ADPCM_DIV4
Stream Type	Video;Video & Audio
Network	
Network Protocol	802.1X;ARP;DDNS;DHCP;DNS;Easy DDNS;HTTP;HTTPS;ICMP;IGMP;IPv4;IPv6;Multicast;NFS;NTP;RTCP;RTP;RTSP;SMB/CIFS;SMTP;SRTP;SSH;TLSv1.2,TLSv1.3;TCP/IP;UDP;Unicast;UPnP
Mobile Phone Access	Android;iOS;P2P_A
System Compatibility	ONVIF(profile T/S);CGI;SDK
Web	IE10+;Firefox52+;Edge89+;Safari11+;Chrome57+
Record Playback	
Multi-channel Playback	4
Record Mode	Manual recording;alarm recording;Schedule recording
Storage	Local HDD/USB storage device
Backup	USB storage device
Playback Function	Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full screen/backup (video Editing)/Step/Digital Zoom
Alarm	
General Alarm	Motion;Mask Alarm;Alarm Input(IPC);Video Loss;Manual Alarm
Alert Alarm	IP Conflict;MAC Conflict;Network Disconnected;No disk;Illegal Access;Disk group space alert;Disk Full;Disk R/W error;Video Abnormal;Abnormal found in smart of disk; Abnormal temperature of the disk;POE overloaded;IPC voltage abnormal;RTC failure



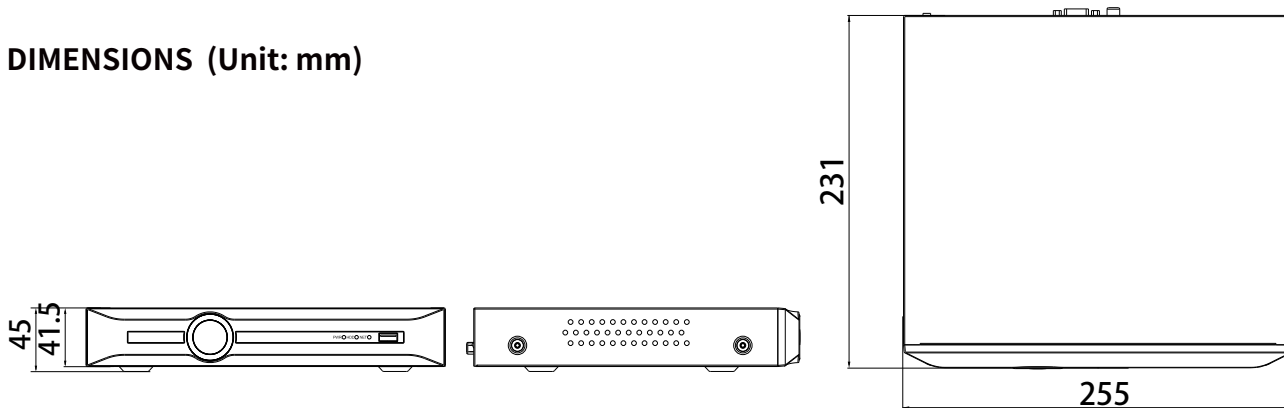
Intelligent Analytics	
VCA Detection by Camera	Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running; Parking;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection;Signal Loss Detection;On Duty Detection;Crowd Detection;Face Detection
VCA Search	Early-warning search;Facial search
Face Detection by Camera	
Performance	N/A
Face Attributes	N/A
Face Picture Library	N/A
Face Picture Comparison	N/A
External Port	
HDD	1 SATA ports,up to 10TB for a single HDD. The maximum HDD capacity varies with environment temperature
Disk Group	1 Disk Group
RAID	N/A
eSATA	N/A
USB	2*USB2.0
HDMI	1*HDMI
VGA	1*VGA
RJ-45	1*RJ-45,10/100 Mbps self-adaptive Ethernet port
SATA	1 SATA interface
RS232	N/A
RS485	N/A
Alarm I/O	1channel out
POE	
POE Interface	4×RJ45 self-adaptive 10/100 Mbps network interface
POE Gross Power	45W
Power per POE Port	30W
Max Current per POE Port	600mA
General Parameter	
UI Language	Simple Chinese;Traditional Chinese;English;Spanish;Korean;Italian;Turkish;Russian; Thai;French;Polish;Dutch;Hebrew;Arabic;Vietnamese;German;Ukrainian;Portuguese; Albanian
Power Supply	DC48V 1.35A
Power Consumption	<10W(without HDD&without POE)
NetWeight	0.95kg
GrossWeight	1.6kg
Boundary Dimensions	255(L)231(W)45(H)mm
Package Dimensions	385(L)80(W)280(H)mm
Operating Temperature	-10°C~+55°C
Operating Humidity	10%~90%RH
Storage Temperature	-10°C~+55°C
Storage Humidity	10%~90%RH
Package Kit	Network Video Recorder;Screw pack;Mouse;Power adapter;European standard power cord

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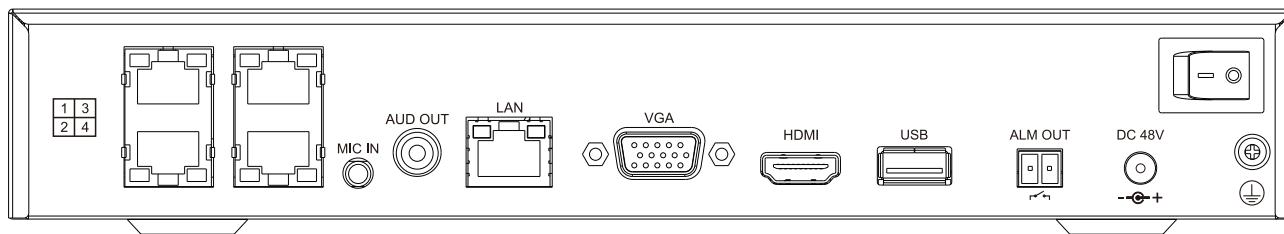
AVAILABLE MODEL

TC-R3105 SPEC: I/B/P/V3.0

DIMENSIONS (Unit: mm)



## Physical Interfaces



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Tiandy Technologies Co.,Ltd.

Email: [sales@tiandy.com](mailto:sales@tiandy.com)

Tel: +86-22-58596178

Website: [en.tiandy.com](http://en.tiandy.com)

Fax: +86-22-58596048